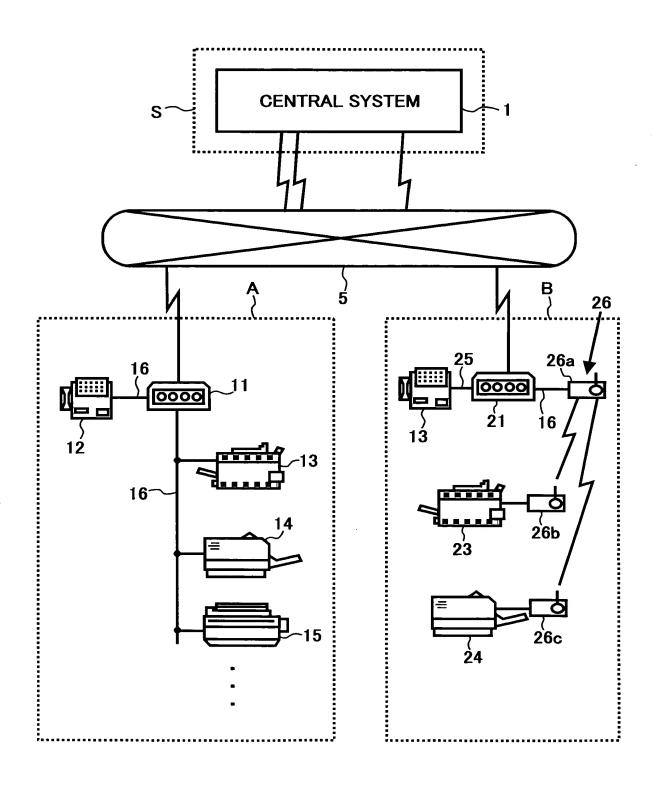
OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _1_ OF _21_

FIG. 1



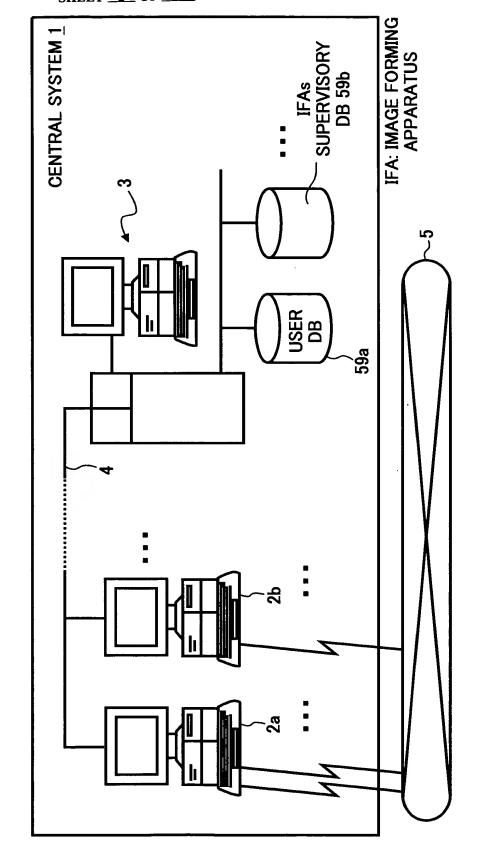
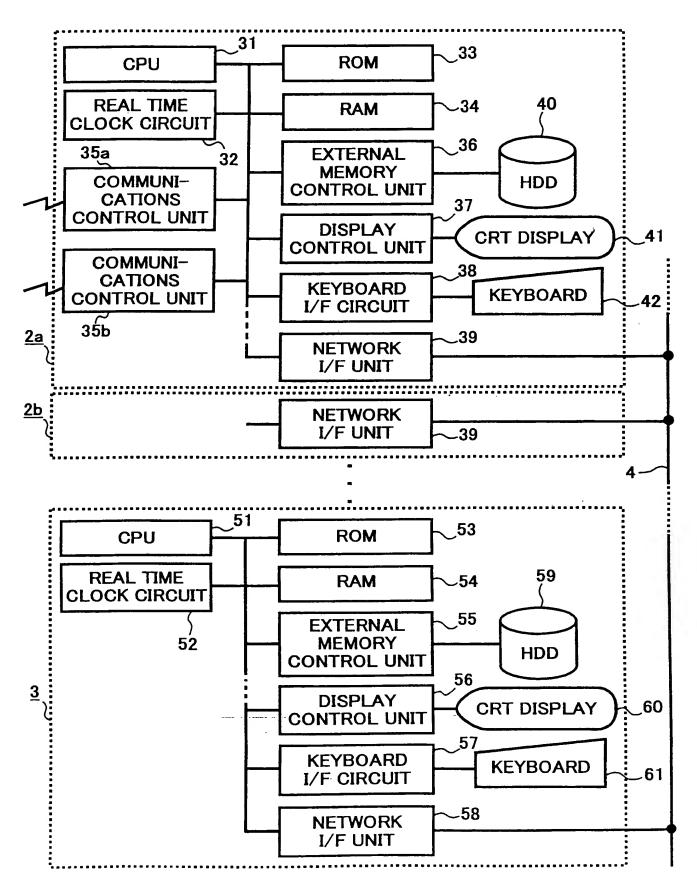


FIG. 2

OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _3_ OF _21_

FIG. 3



OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _4_ OF _21_

FIG. 4

MODEL/ MACHINE No.	USER ID	USER NAME	ADDRESS	BUILDING NAME		TEL.No. OF PERSON IN CHARGE OF USER
	XXX5600 XXX1000		ABC DEF	BUILDING A BUILDING B	Mr. A Mr. B	12- 3456-7890 23- 4567-8901

j-	COMMUNI- CATIONS	COMMUNI- CATIONS	Ç	SERVICE SECT	TION .	
!	ADAPTER MODEL/ MACHINE No.	ADAPTER CONNECTION No.	SERVICE STATION NAME		CE IN CHARGE OF SERVICE	• • •
! ! !	XXX-1234	12-6543 -9876	YOKO- HAMA SS	xx-xxxx	Mr. C	
! ! !	XXX-5678	98-7654-3210	YOKO- HAMA SS	xx-xxxx	Mr. D	

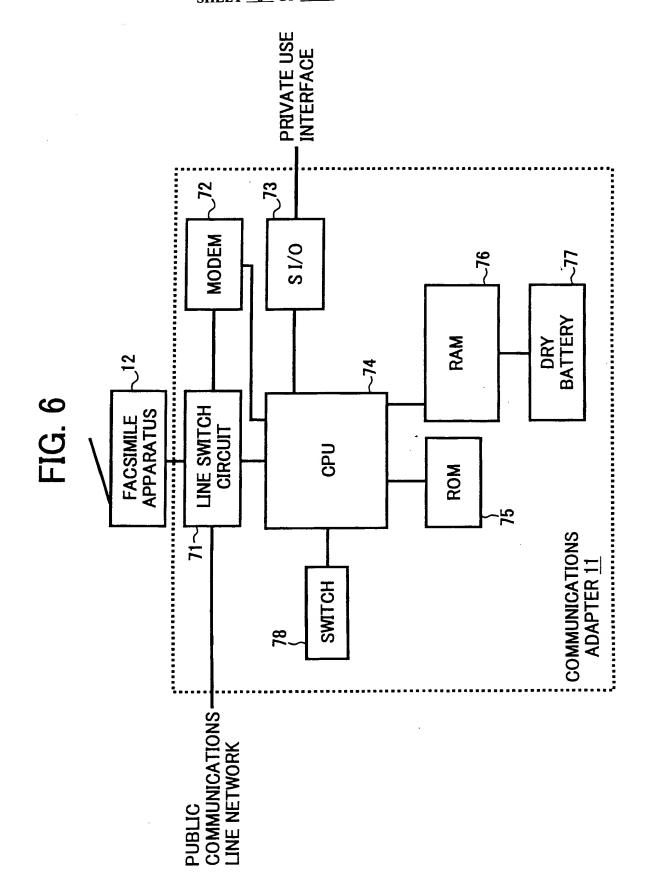
OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _5_ OF _21_

FIG. 5

·Ţ:-	Γ		T	۲
		CONTROL BASEBOARD C22	0.00	
		CONTROL CONTROL BASEBOARD C2 C21 Ver. Ver.	0.00 1.00	
		CONTROL BASEBOARD C2 Ver.	1.01	
NO	₩Q.			
RDWARE CONSTRUCTION	TROL BASEBOARD /ROM	ROM C12 Ver.	1.00 0.00	
HARDWARE	CON	ROM C11 Ver.	1.22 1.00	
		BASEBOARD C1 Ver.	1.00	
	MODEI /	MACHINE No.	XX···1 XX···2	_,

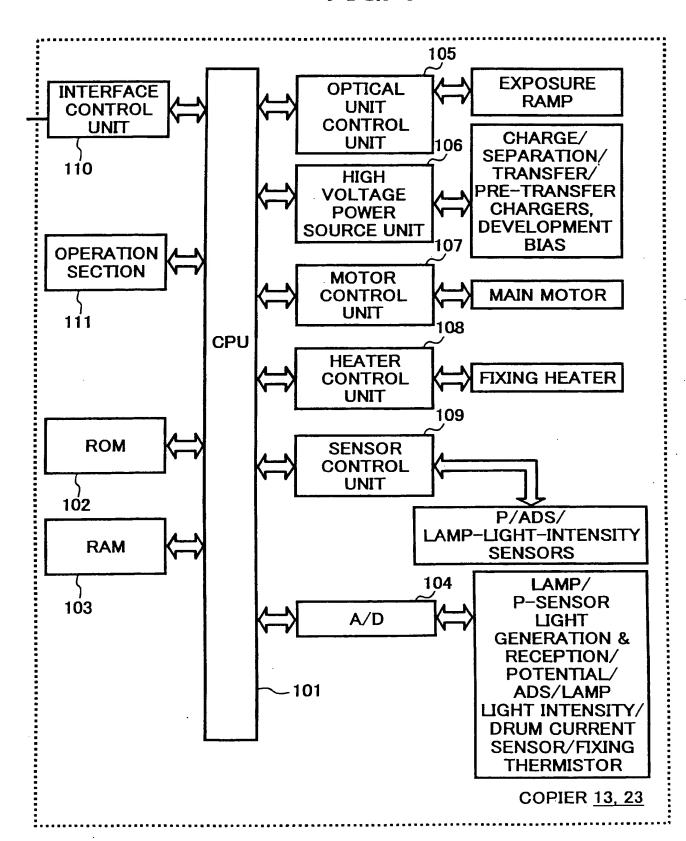
•		
	:	
UNIT	SORTER CONTROL UNIT D4 Ver.	1.00
)	MOTOR CONTROL UNIT D3 Ver.	1.22
	HIGH VOLTAGE POWER SOURCE UNIT D2	1.22
	OPTICAL UNIT CONTROL UNIT D1	

OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _6_ OF _21_

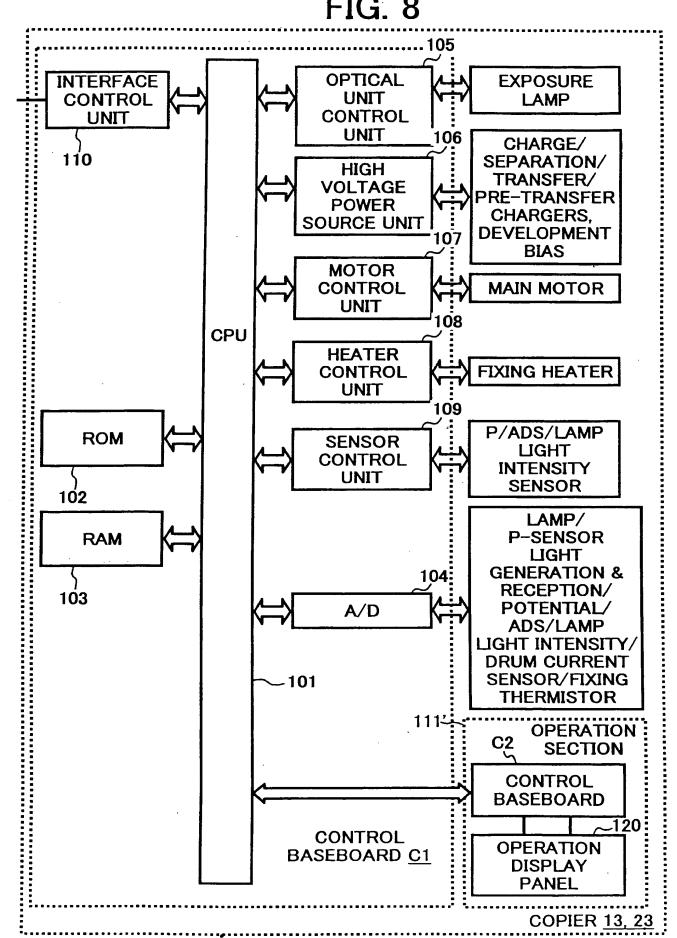


OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _7_ OF _21_

FIG. 7

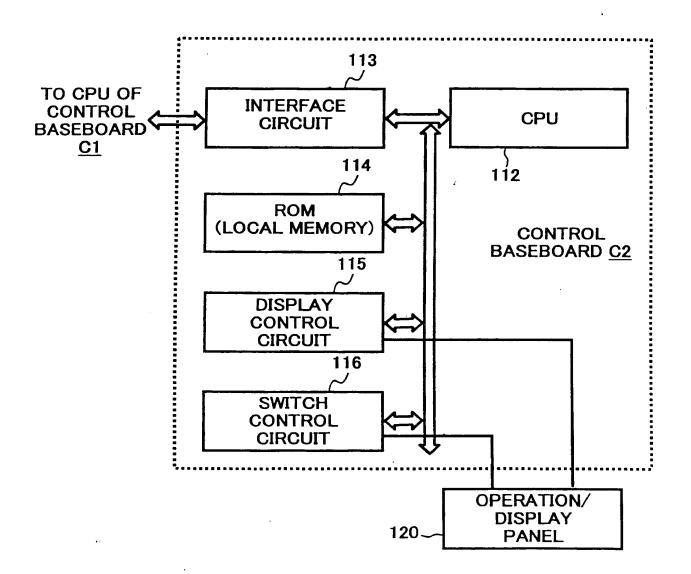


OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _8_ OF__21_



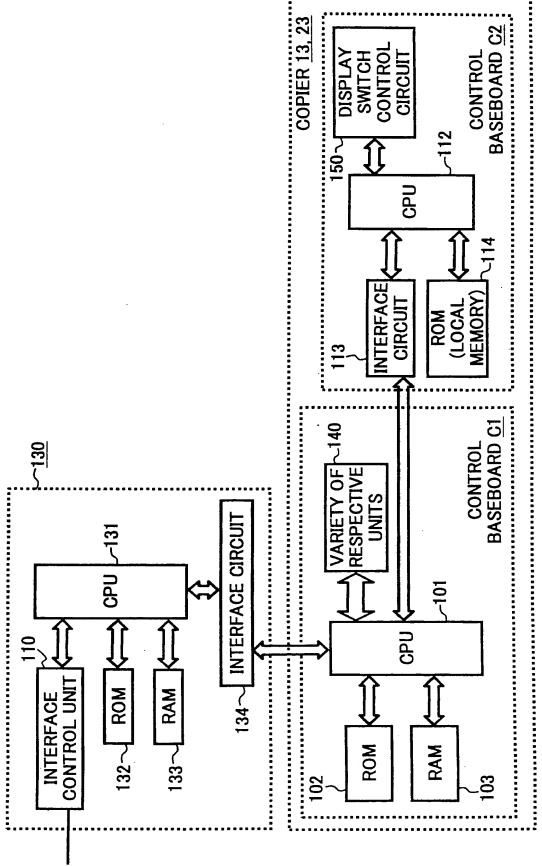
OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _9_ OF _21_

FIG. 9



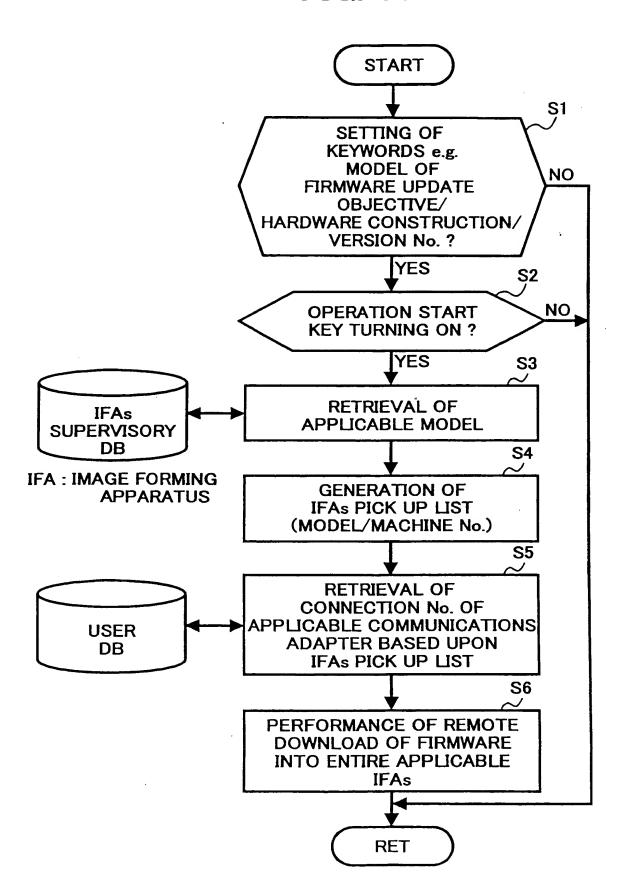
OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _10_ OF _21_

FIG. 10



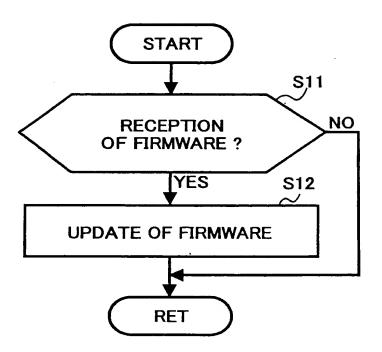
OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _11_ OF _21_

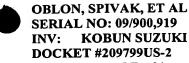
FIG. 11



OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _12_ OF _21_

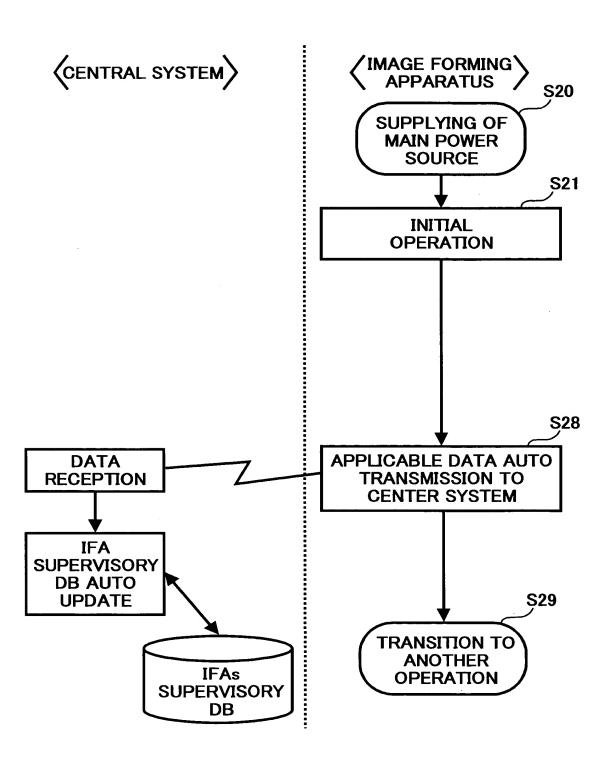
FIG. 12





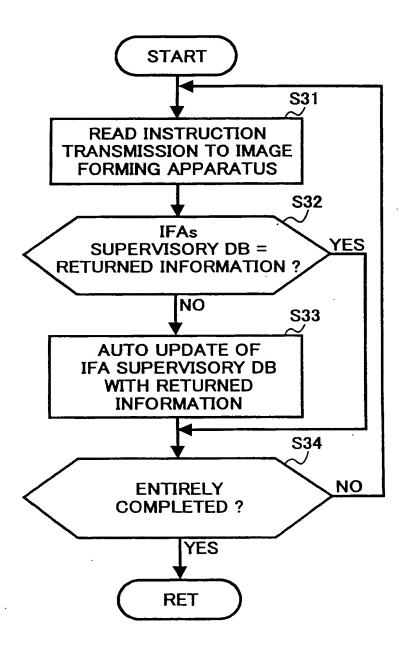
SHEET _13_ OF _21_

FIG. 13



OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _14_ OF _21_

FIG. 14

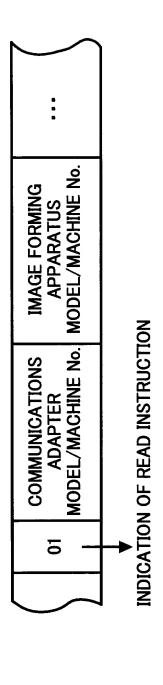


OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _15_ OF _21_

FIG. 15A

(1) HARDWARE CONSTRUCTION READ INSTRUCTION FORMAT

CENTRAL SYSTEM —▶ IMAGE FORMING APPARATUS

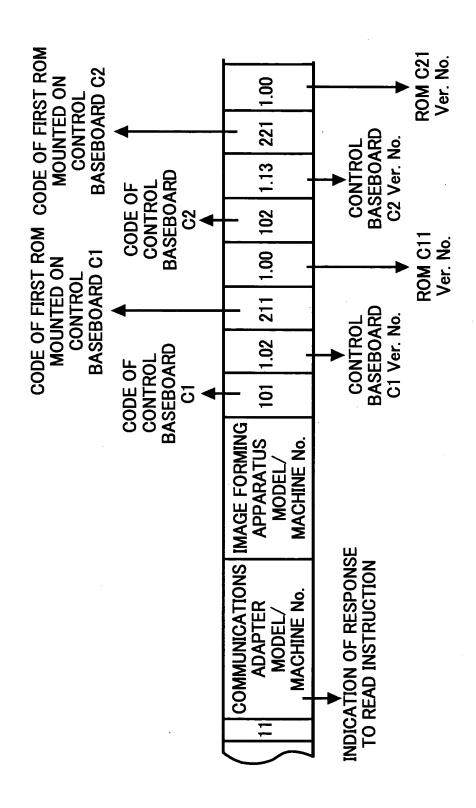


OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _16_ OF _21_

FIG. 15B

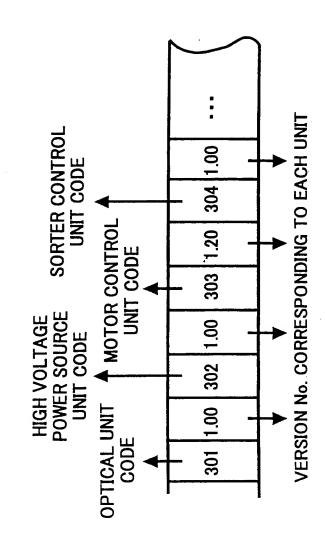
(2) RETURN INFORMATION FORMAT

IMAGE FORMING APPARATUS --- CENTRAL SYSTEM



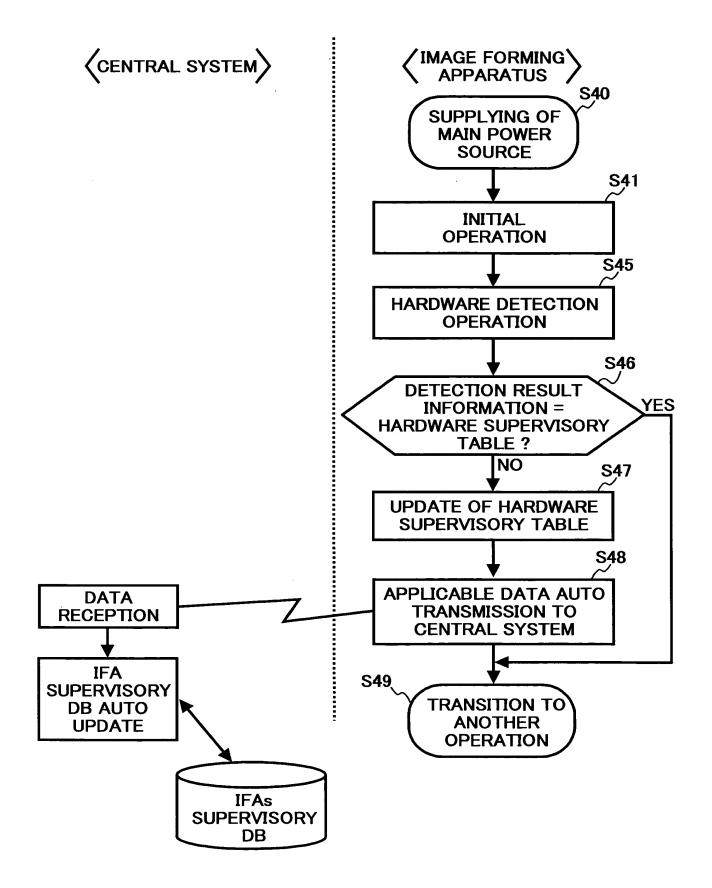
OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET __17__ OF __21__

FIG. 15C



OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _18_ OF _21_

FIG. 16



OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI **DOCKET #209799US-2** SHEET _19_ OF _21_ FIG. 17 START **S51** SETTING OF KEYWORDS e.g. MODEL OF NO FIRMWARE UPDATE OBJECTIVE/HARDWARE CONSTRUCTION/ VERSION No. YES **S52** NO OPERATION START KEY TURNING ON YES **S53** RETRIEVAL OF **IFAs** APPLICABLE MODEL SUPERVISORY DB **S54 GENERATION OF** IFAs PICK UP LIST (MODEL/MACHINE No.) **S55** CHECK OF SUITABILITY OF FIRMWARE TO UPDATE D SUPERVISORY INFORMATION CORRESPONDING TO MODEL/ MACHINE No. OF IFA PICK UP LIST **S56** NO **S57** SUITABLE? YES RECONSTRUCTION OF UPDATE USE FIRMWARE **_S58** RETRIEVAL OF CONNECTION No. OF APPLICABLE COMMUNICATIONS USER ADAPTER BASED UPON DB INSTRUMENTS PICK UP LIST **S59** REMOTE DOWNLOAD OF FIRMWARE INTO ENTIRE APPLICABLE **IFAs** RET

OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _20_ OF _21_

FIG. 18

<u> </u>			
		ROM C22 Ver.	X.XX
		ROM C21 Ver.	X.XX
HARDWARE CONSTRUCTION	CONTROL BASEBOARD/ ROM	CONTROL ROM C21 ROM C22 BASEBOARD Ver. Ver.	X.XX
ARE CO	OL BASE	•	
HARDW	CONTR	C11 ROM C12 r. Ver.	1.00
		ROM C11 Ver.	1.22
		CONTROL BASEBOARD C1 Ver.	1.00

•••		•	ì
		SORTER CONTROL UNIT D4	0.00
		MOTOR SORTER CONTROL CONTROL UNIT D3 UNIT D4	1.10
TINO		OPTICAL UNIT HIGH VOLTAGE CONTROL POWER SOURCE UNIT D1 UNIT D2	1.00
		OPTICAL UNIT CONTROL UNIT DI	1.20
	<u> </u>		

OBLON, SPIVAK, ET AL SERIAL NO: 09/900,919 INV: KOBUN SUZUKI DOCKET #209799US-2 SHEET _21_ OF _21_

FIG. 19

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